

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 06-241)

In the Application of: )  
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                    Russell Vaughan Meddes et al     )     Examiner: Yong-Suk Ro  
                            )  
Serial No.    10/574,998                          )     )  
                            )     Group Art Unit: 3676  
Filed: April 7, 2006                              )  
                            )     Conf. No. 3518  
Title: Improvements In And Relating To Perforators     )  
                            )  
                            )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY TO THE JUNE 22, 2010 OFFICE ACTION**

This is a Reply to the June 22, 2010 non-final Office Action for the above-identified patent application.

**Claim Amendments** are reflected in the **Listing of the Claims** which begins on page 2 of this paper.

**Drawing Amendments** begin on page 4 of this paper.

**Remarks** begin on page 5 of this paper.

An **Appendix A** and an **Appendix B** follow page 8 of this paper.